

Figure 1

09/890257

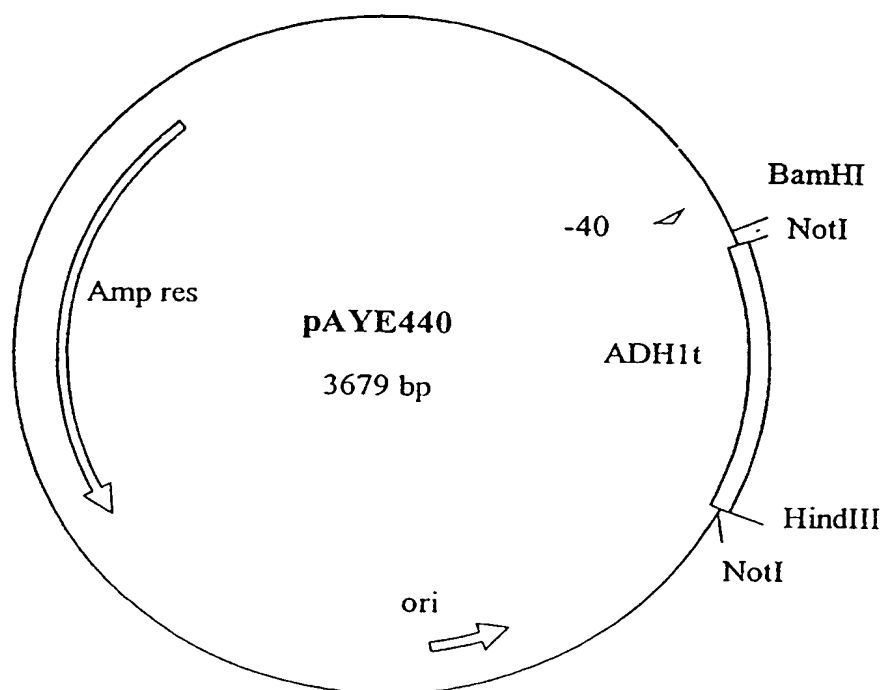


Figure 2

09890257-010403

09/890297

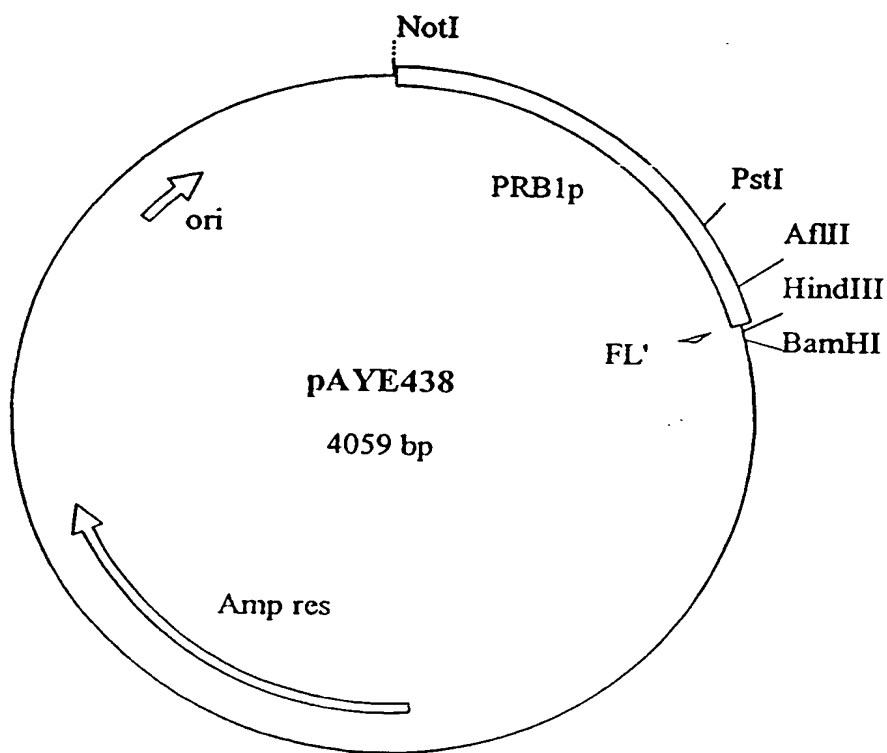


Figure 3

09890297 010402 204070 6206860

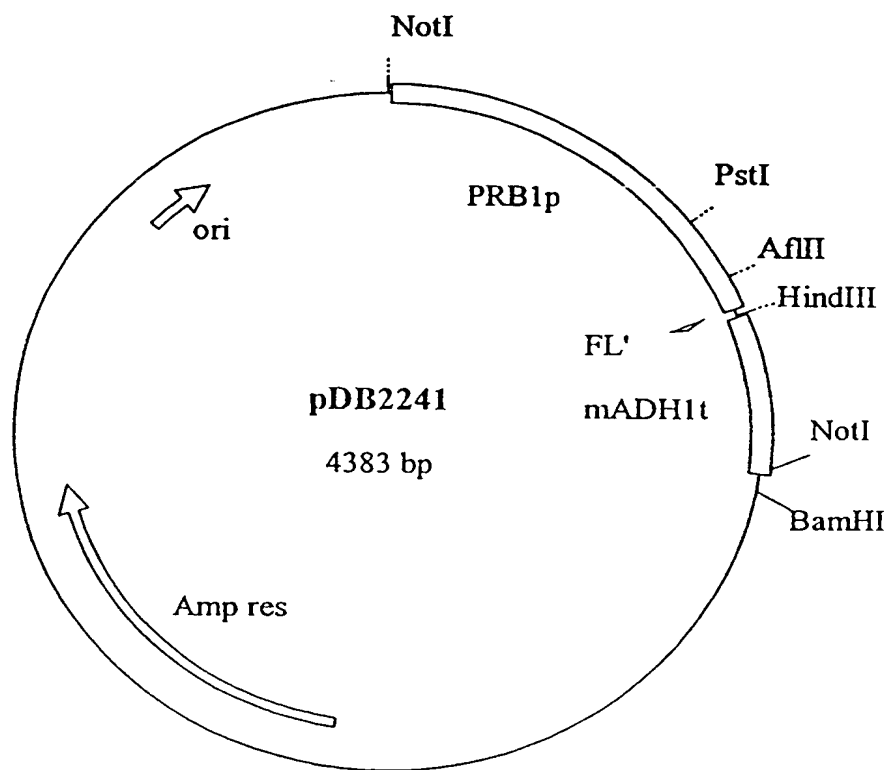


Figure 4

09/890297

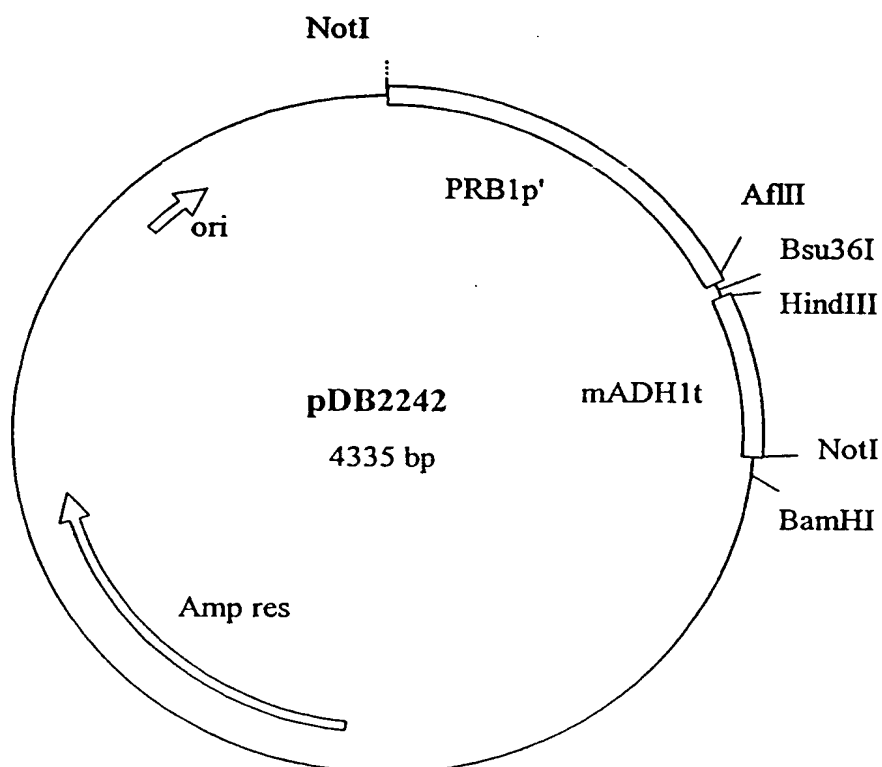


Figure 5

09890297 010402

09/890297

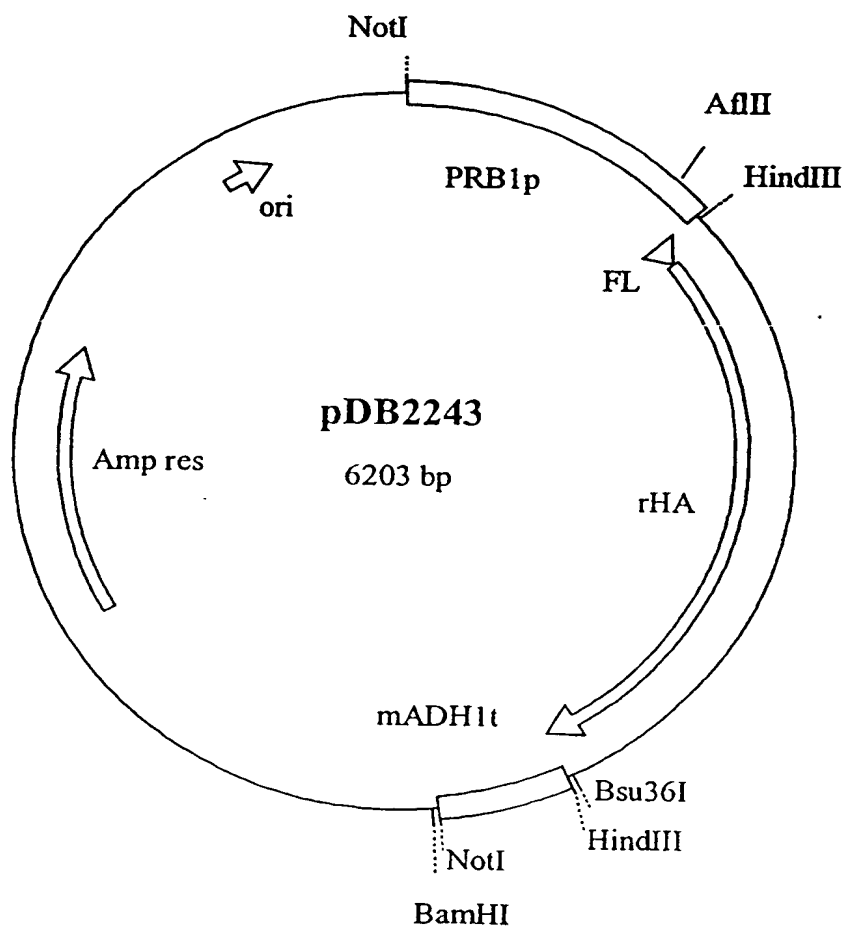


Figure 6

204070" 26206860

09/890297

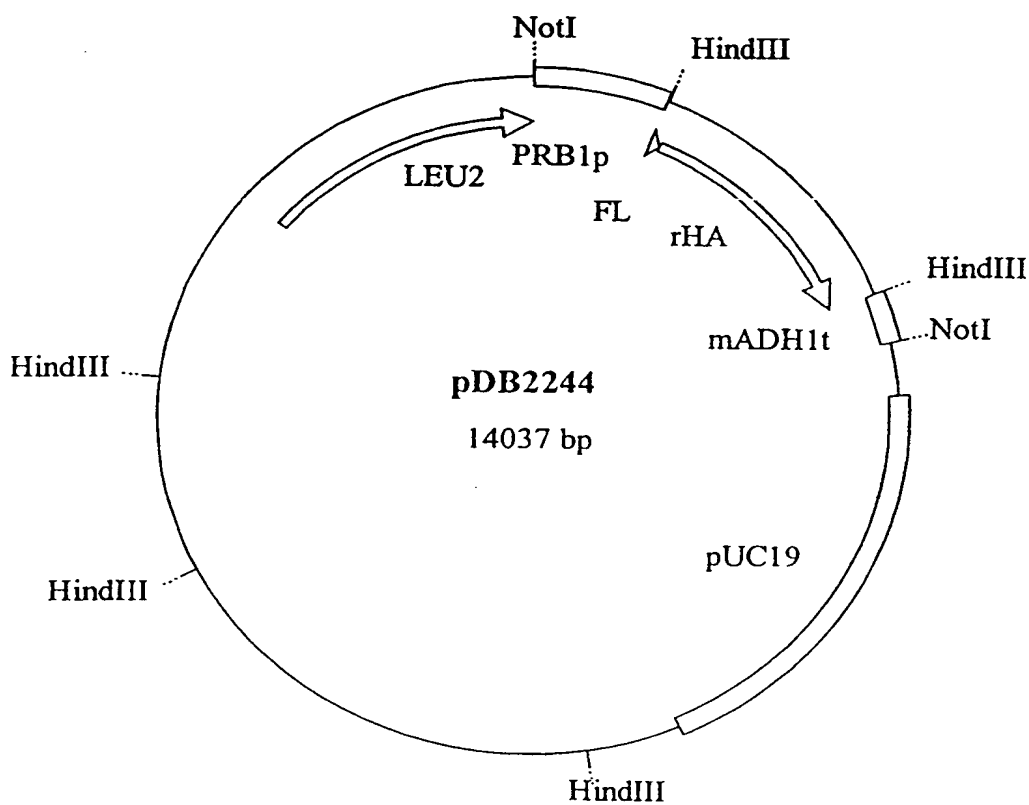


Figure 7

09890297.01040

204070" 26206860

09/890257

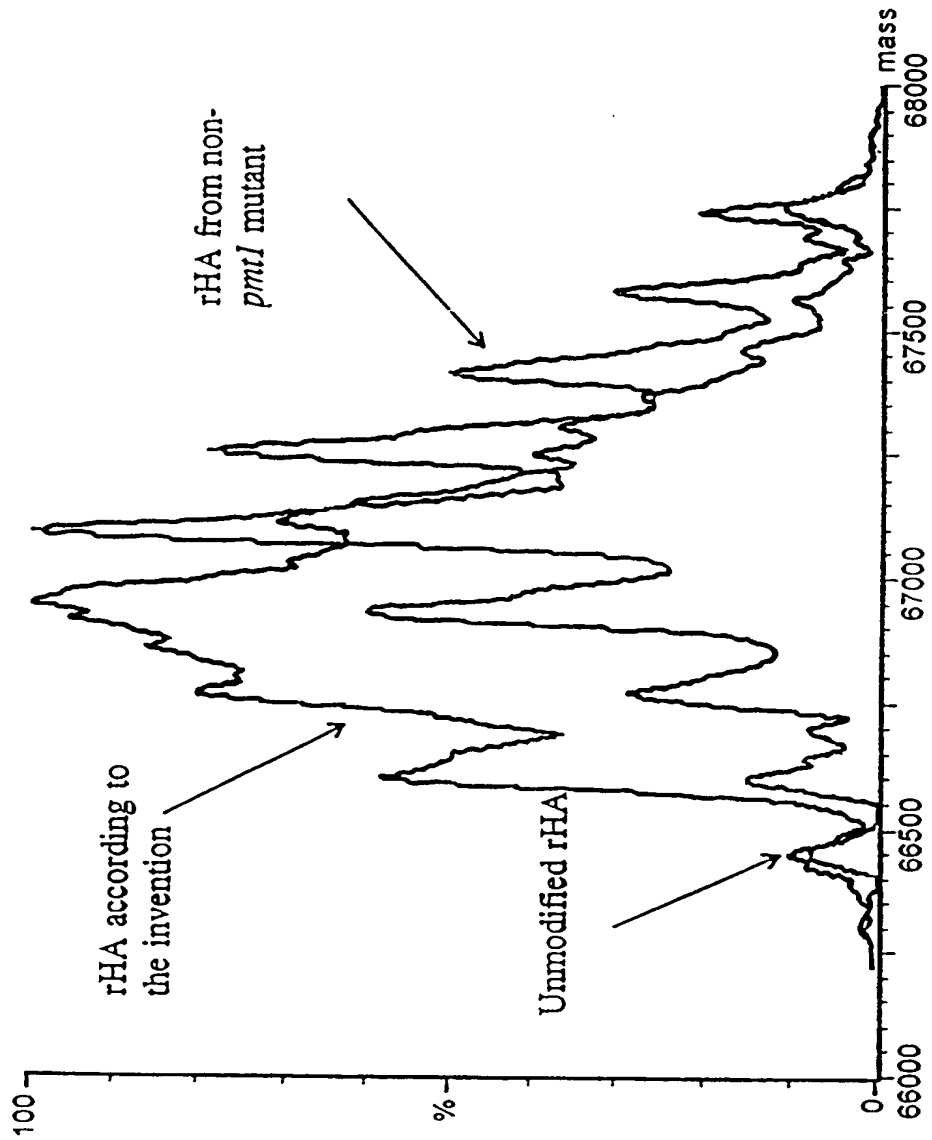


Figure 8



9/17

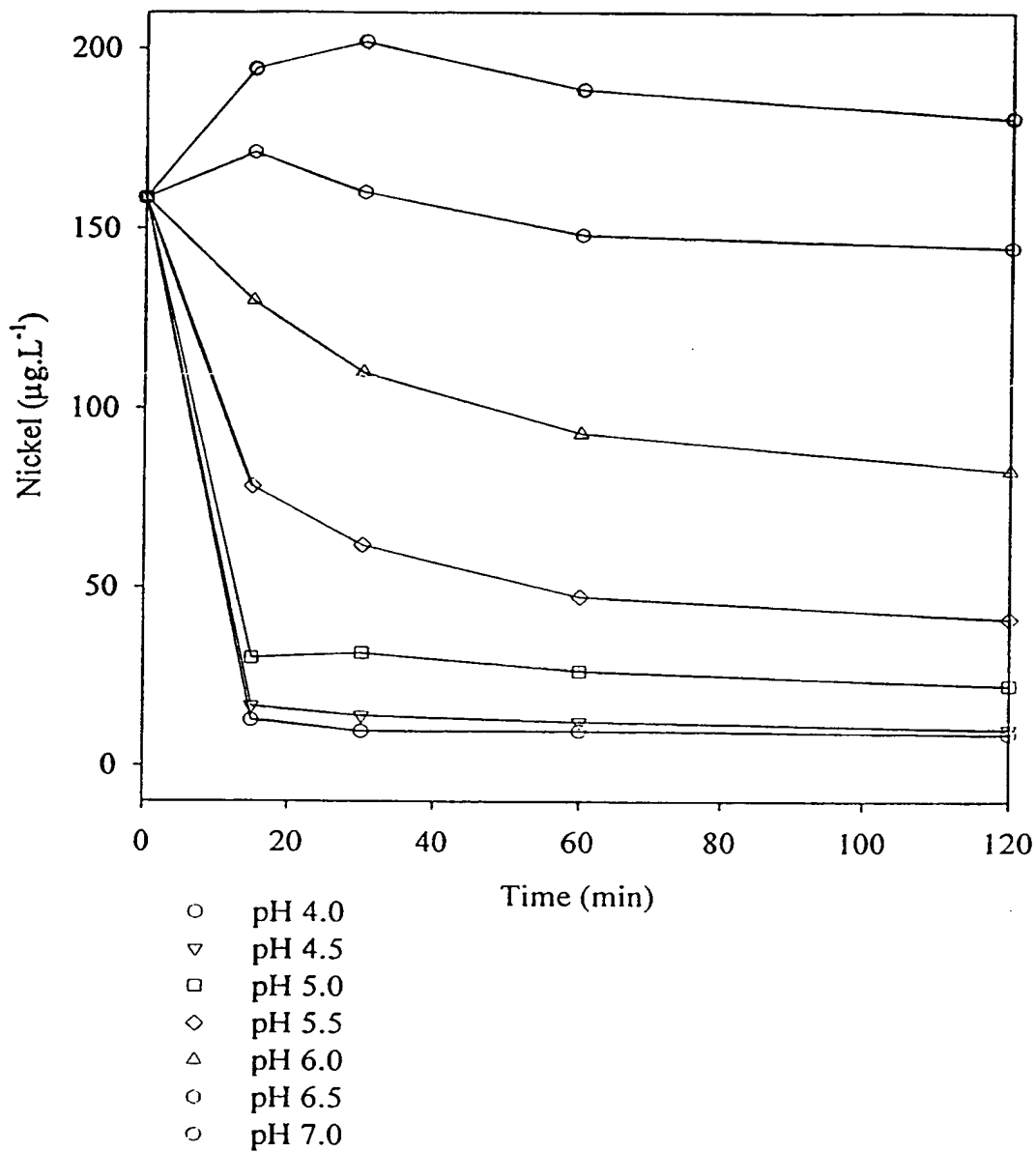


Figure 9

10/17

5'-GATTGGCAGAAGAGGTATCTGCTTATGGACATGAGGGGCTTTGGCGGT  
GATGCCAATGATGACTTTGTTGTGGAGATTGCCAAGGATCTTTCAACTAC  
TGAAGAAGCTAAGGAAAACGTTAGGGCCATTCAAACGTGTTTTTAGATTGA  
GACATGCGATGACTGGTTGTTACTTGTTCTCCACGAAGTCAAGCTTCCC  
AAGTGGGCATATGAGCAACAAGAGGTTACTTGTTGCTACTCAAGGTATCAA  
ACCCTATCTTACTGGTACGTTGAGACCAACGAAAACCCATTCTTGGATAA  
AGAGGTTGATGAAATAGTTAGCTATCCTGTTCCGACTTTCTTTCAAAGGTT  
GCCGACTCACGCCAGAATGTGGAAGATCAACAAGGCTTACTGATCATATG  
CTATGAATCCAGTCCAGATCTTGG-3'

Figure 10

11/17

5'-GTGTTGCAGTTGTAGTCCCACCTTGAGTATCTTGGATTCGTTGCATTGGT  
CCTTGGTCCATCGTCCTGCATAGATCAATGGGAGAATATCTTTGGAAGAT  
AGAAAGCGCAACGGCAAAAAAGAGAACGAATATGGAGTAAGACACAACC  
TGTTTGTGTTTTGAAGACATAAGAGTGAATAATCTCAAACACATGTCCGAG  
AGCCAATATACCAAAGTACAATGATGGTAGATAGTGGTGCAAAAATAGCT  
GACGGGCCATAAGGGAAAGATGGCAAGTAATGCAGTACCCATCCTAGGA  
TGTAATGAAGCATTTGAACATTGAAGTTGAGCACAGTTGGGTCAACGCTG  
AACCCAAAACCTCTTTGCCTCTCAGAATAGAGAAACCAAAAAGACAGAG  
AACAAAGCATACTTGCGGTGACTGTCACCAAGTGACAGCATTCTATGAA  
ATAAATTG-3'

Figure 11

12/17

5'-TACGTTATGGATGTGCATCCACTTCCTGAAGCTTCTCATCGGCAACCTT  
TTGAATCTGCAATTTATTATCTTCATTGAAGGCAAGCTTGAACACTTTGAC  
GGTAGAAAGACGAGCGACAACCAAGAATTGCCCCGTCAGAAGTGAGATCA  
CAATGGGTGATGTTGTCCTCATCGCTTAGGACCAGTTTGGCTAATAGTTTT  
CTGCCTTGCTGAGGAAGGACTTTCCATACTTTAATGGTTTGGTCTTGCCCA  
TGATCACCAGCTTCTGGGATTTATTGAAAAGGACAGTTTGATCGTTTCAG  
GGAATACTGACAGTCTTTGAATTTTCGCAGTCTTGAAACGATTCAGCTTAG  
AAACGGCTATGTCTGACAATGATGCTTCAGATAGTACAGATCGAGGTCCT  
GGATTGG-3'

Figure 12

5'-GCGCAGGTGACTTCTTGCTGGAAAATGTGCTACAAGGAGGTAAAGACC  
GTGTCATTGAGGGCCTGGTTTGGTCTACTTATGACGATTACCCTCGTCGTC  
TGTTTTCCATTGGTGGTTCGACTGTGATGACCGAATGGGATATTGCTACCG  
GTTTGCCCTTAAACAACACTACGATTGTAACCTCCGGTATCACCTGGAGTATC  
AGCATCAACACAACACTCAGGATAAGATATGCGTAGGCTGTGACAATGGAA  
CTGTAGTCGTTATTGACATAAGTGGTGGACCGGGATCTCTAGTATAAGAA  
AATTGTATCCGGATGTTCTGATGGCCGATAAGGATATGGAATACGAGGAA  
G-3'

Figure 13

5'-GTATTGCAGTTGTAGTCCCAGAATGAATTGCTCTTTTAATTGTTCTTTTT  
GGCTGGAGAAGTGCTCGTATGTCTTGATCGATGAGATACAGCTGAGATTT  
AAGTTGTTCTAGGTTGATAGTTGAATGTTTCAGAGTTGAGGGGTTCCATGG  
TCAAGTATAGGAGGATCCAGCTCATCTAGGGAGTGGAATTGAGTACTGAC  
ACTCATTACTGGAAGAAGTAGAAAGAGTACTGGTTTTGTGGTAAGTTCCA  
TATTTTCAGATGTCTGTAGATGGTCGAGCGAGGTGAACATTTTCATAGGAGA  
TTTCAGAGGAGTTGGACTTTGAAAATGGTGACAAAAGGTAGACAGAAGA  
AAGGTTAGAGAGTGCAGTGATTCAAGGTGGTTGCAGAAGTCC-3'

Figure 14

09/890297

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PCT/GB00/00257

15/17

5'-TTGAGACATGCTATGACGGGTCAAGTTTTTAGATAAAAGTTGGACTCTTG  
GGCATGAGCGCATCCTCACATCGGCCATAGCAGATAAACGGTAGCAGTTT  
TTTTGAACGAGGCTGTAAGATAGGGGAATCTCCGTTTTAGGCTTTCAGTG  
ACTTGTTGCATCGCAATGGGTAGATATGTTTCACCAGTGGCAAAGCTCTG  
GATGCTATGAACTGACCAAATGTGGATTAGAACTTGGAGTCTAACTATT  
TGACTCTAAGAATTTCCAATTTTTGCCTTCTACTAGCCATTTTCTACTTTC  
ATGGGACATCATCACTTATTTGCTCCCCAACCTGTCAAATACCCACCAAT  
GTTCAAGGTCG-3'

Figure 15

09890297-01040

16/17

5'-AGATTGAGACATGCTATGACGGGTTGTTACTTGTTCTCCCGCGAAGTCA  
AGCTTCCCAAGTGGGCATATGAGCAACAAGAGGTTACTTGTGCTACTCAA  
GGGTATCAAACCACTATCTTACTGGTACGTTGAGACCAACGAAAACCCAT  
TCTTGGATAAAGAGGTTGATGAAATAGTTAGCTATCCTGTTCCGACTTTCT  
TTCAAAAGGTTGCCGAGCTACACGCCAGAATGTGGAAGATCAACAAGGG  
CTTAACTGATCATCATGTCTATGAATCCAGTCCAGATTCTTGGCCCTTCCT  
GTCAGAGGTATAAGCTACTGGTCAAAAATCACTCCAAATTATTTCATAG  
GTAATGCTGCACTTGGTGGACAGTCACCGAAGTTTG-3'

Figure 16



17/17

5'-GTGTTGCAGTTGTAGTCCCAGTTGAGTATCTTGGATTTCGTTGCATTGGT  
CCTTGGTCCATCGTCCTGCATAGATCAATGGGAGAATATCTTTGGAAGAA  
GAAAGCGCAACGGCAAAAAAGANAACGAATATGGAGTAAGACACAACCT  
GTTTGTGTTTTGAAGACATAAGAGTGAATAATCTCAAACACATGTCCGAGA  
GCCAATATACCAAAGTACAATGATGGTAGATAGTGGGTGCAAAAATAGCT  
GACGGGCCATAAGGAAAGATGGCAAGTAATGCAGTACCCATCCTAGGAT  
GTAATGAAGCATTTGAACATTGAAGTTGAACACAGTTGGGTCAACGCTGA  
ACCCAAAACCTCTTTGCCATCTCAGAATAGAGAAAACCAAAAAGACAGA  
GAACAAAGCA-3'

Figure 17